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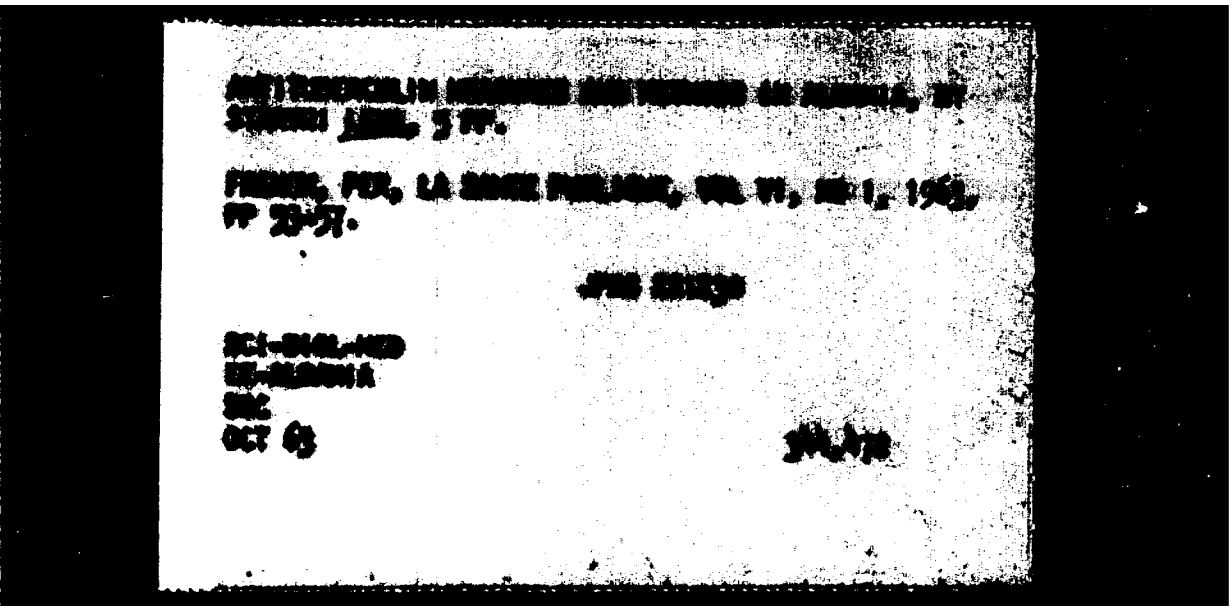

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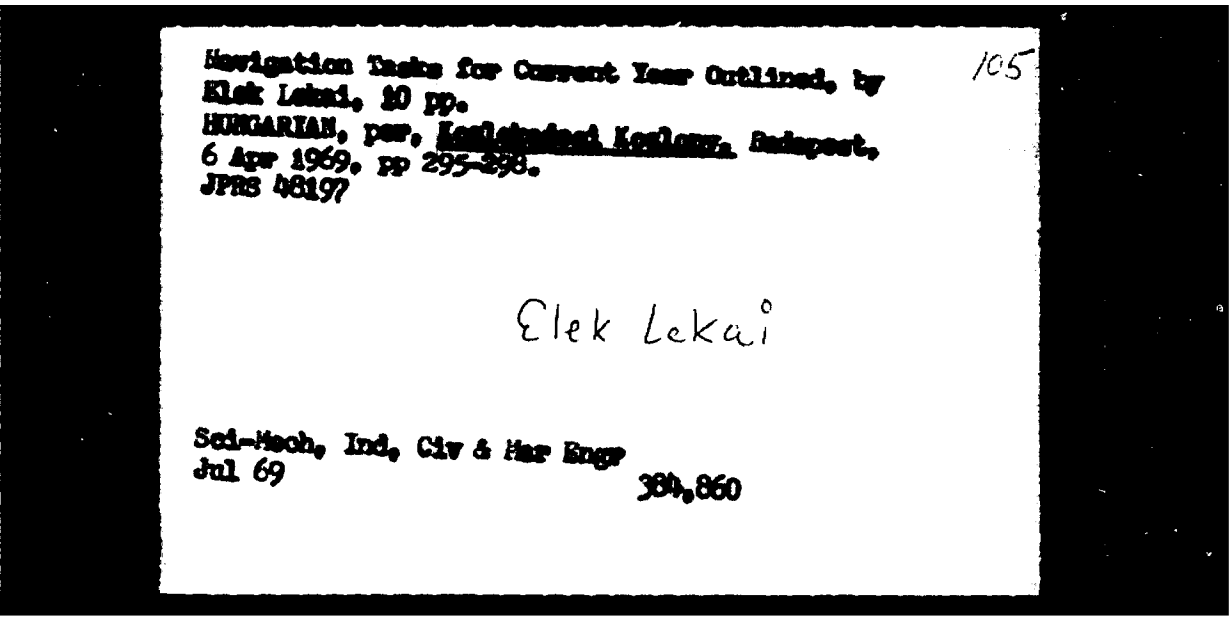

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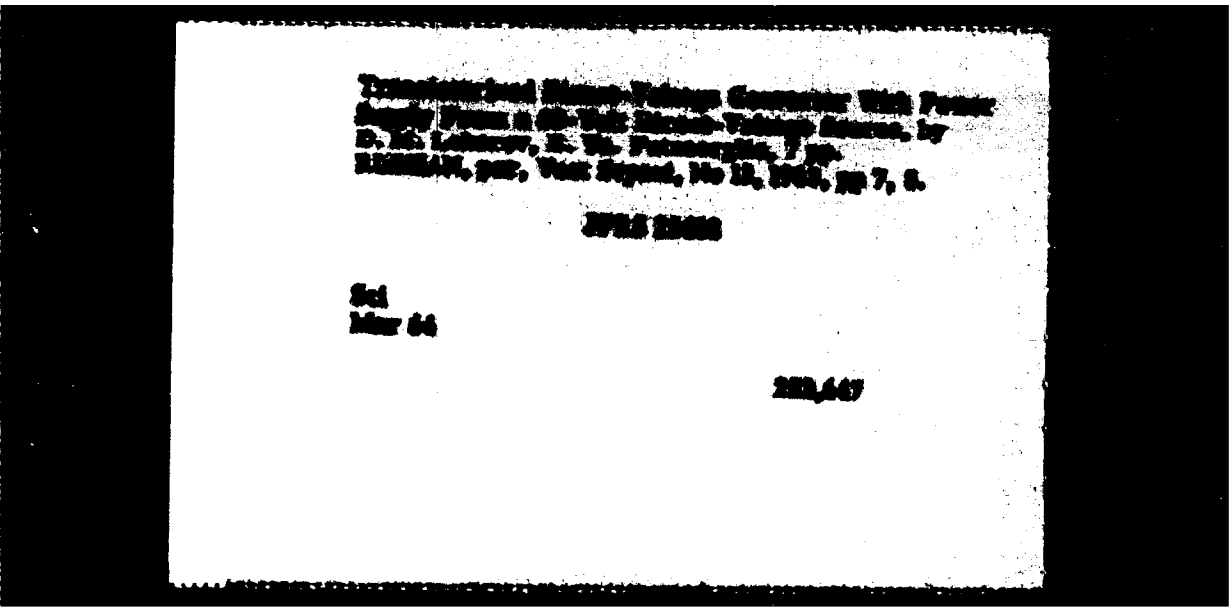

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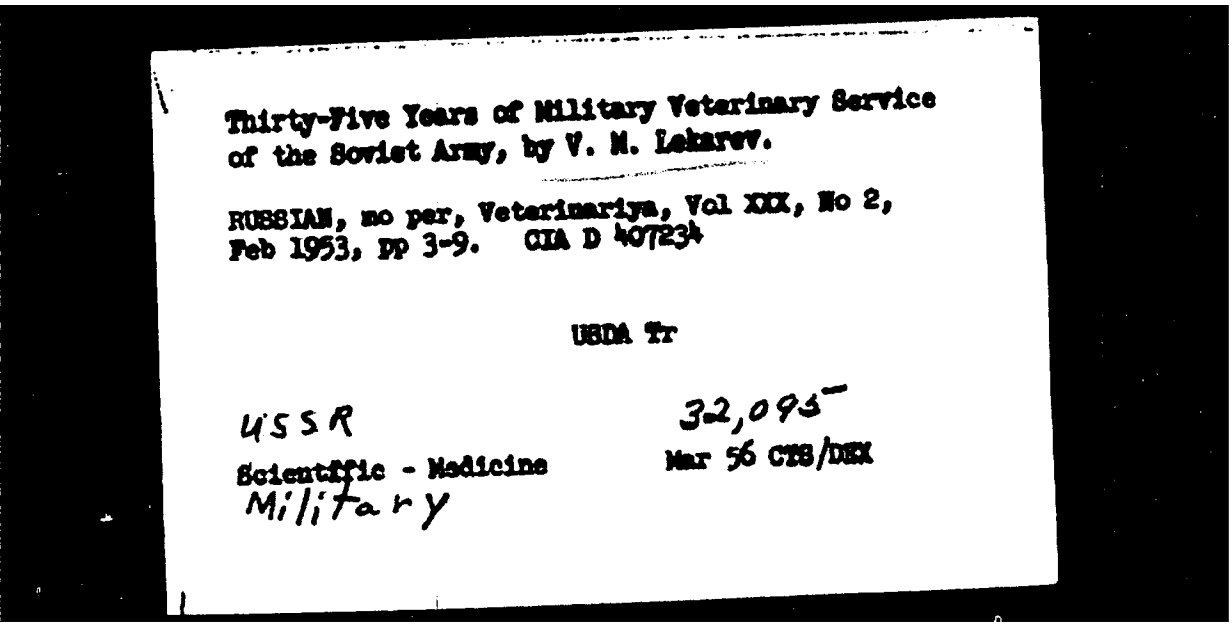

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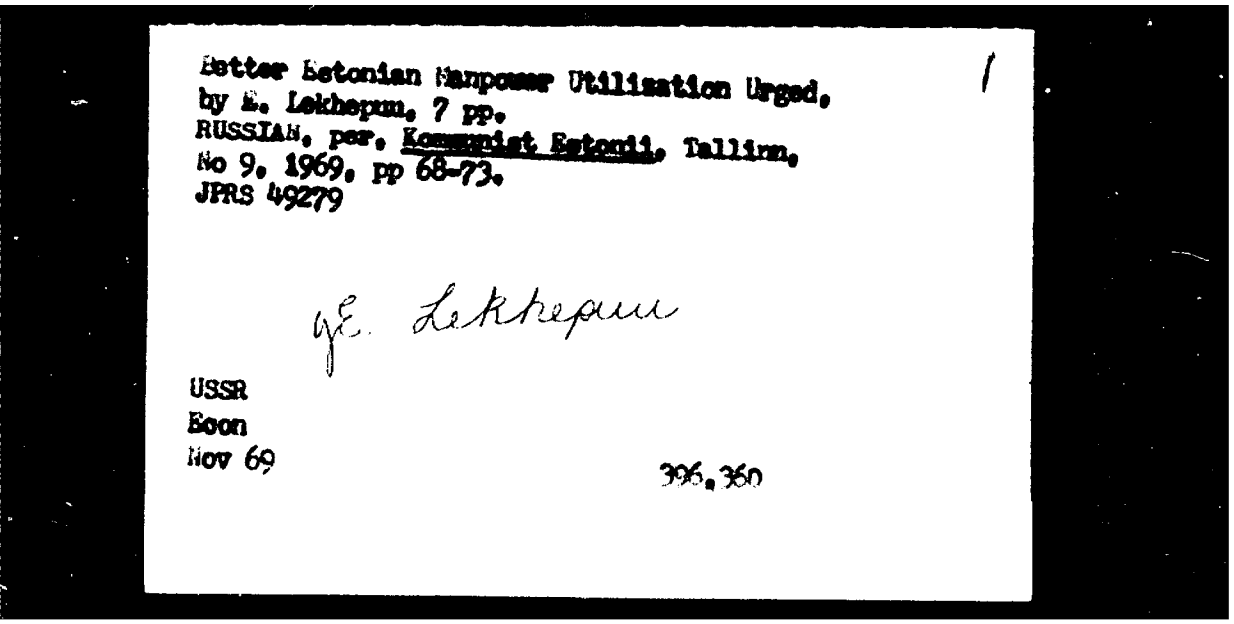

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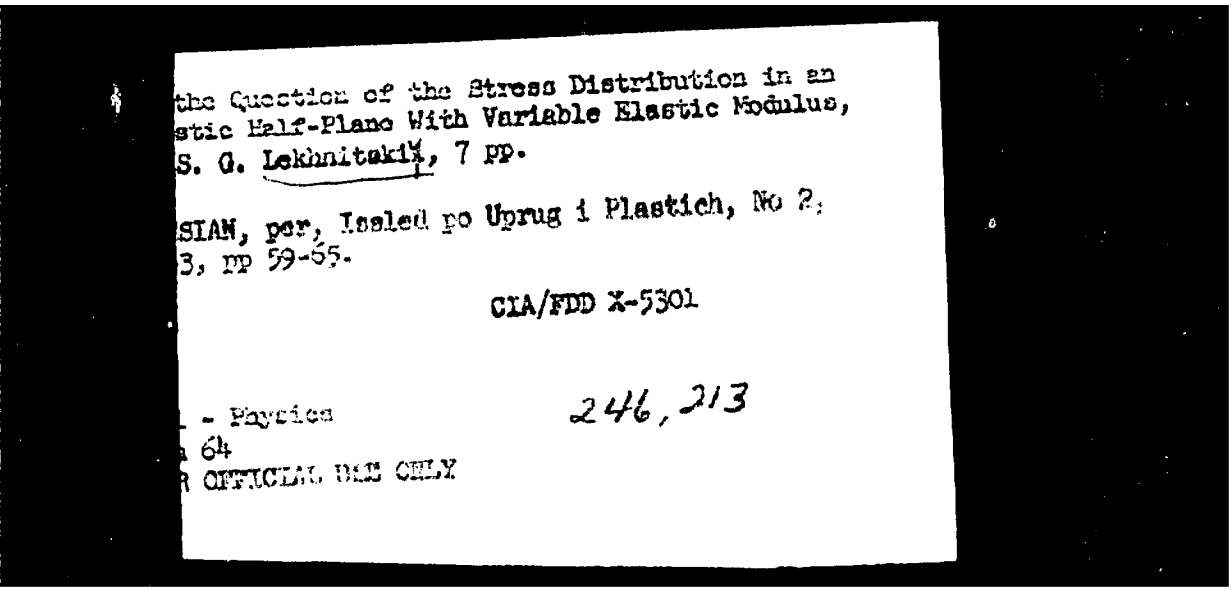

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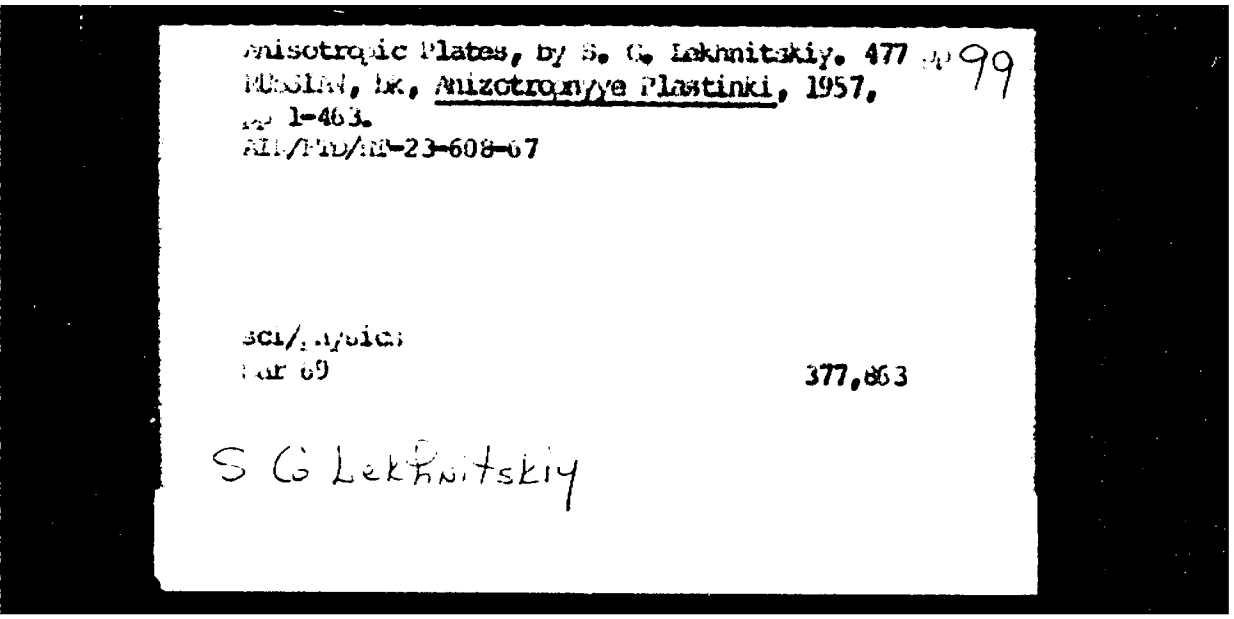

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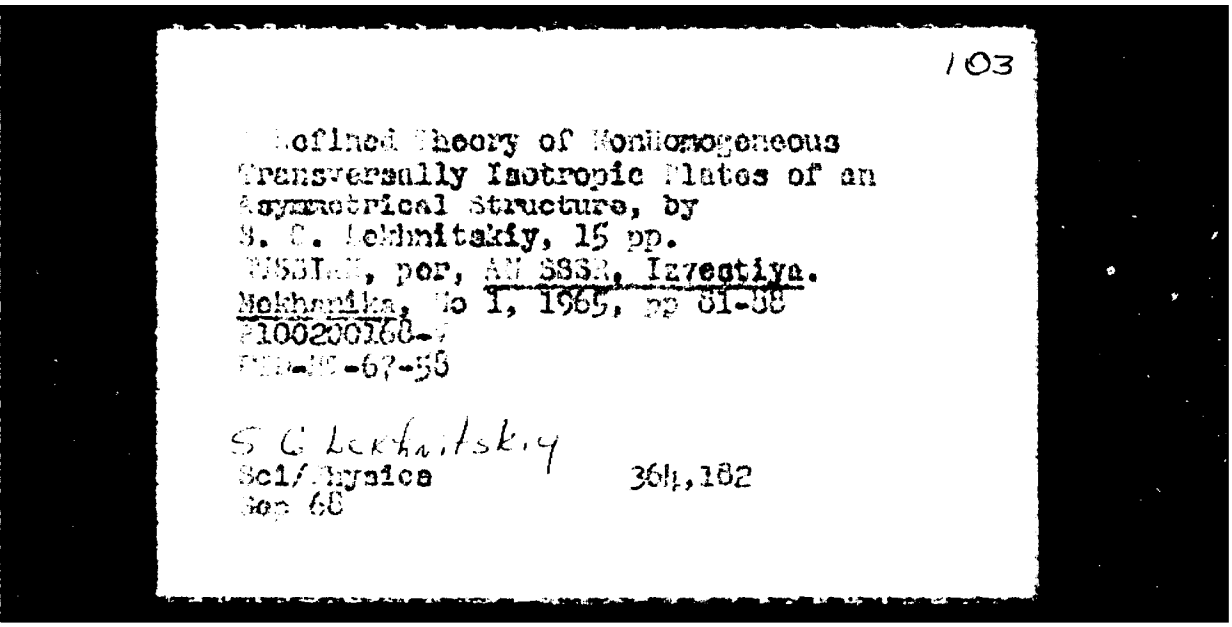

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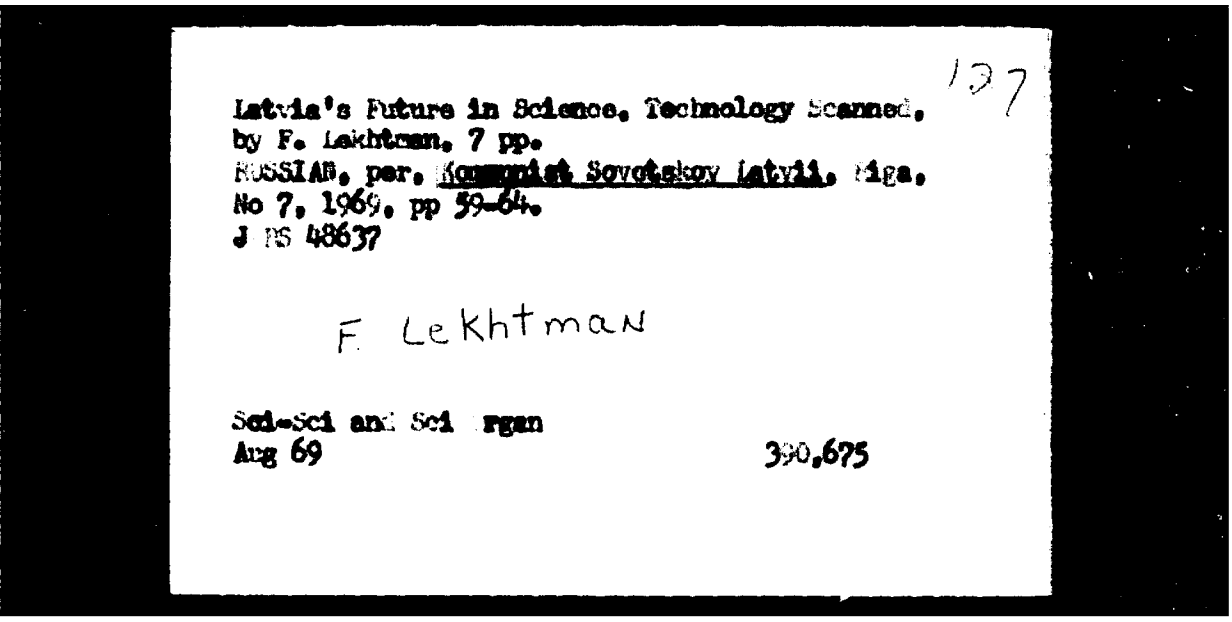

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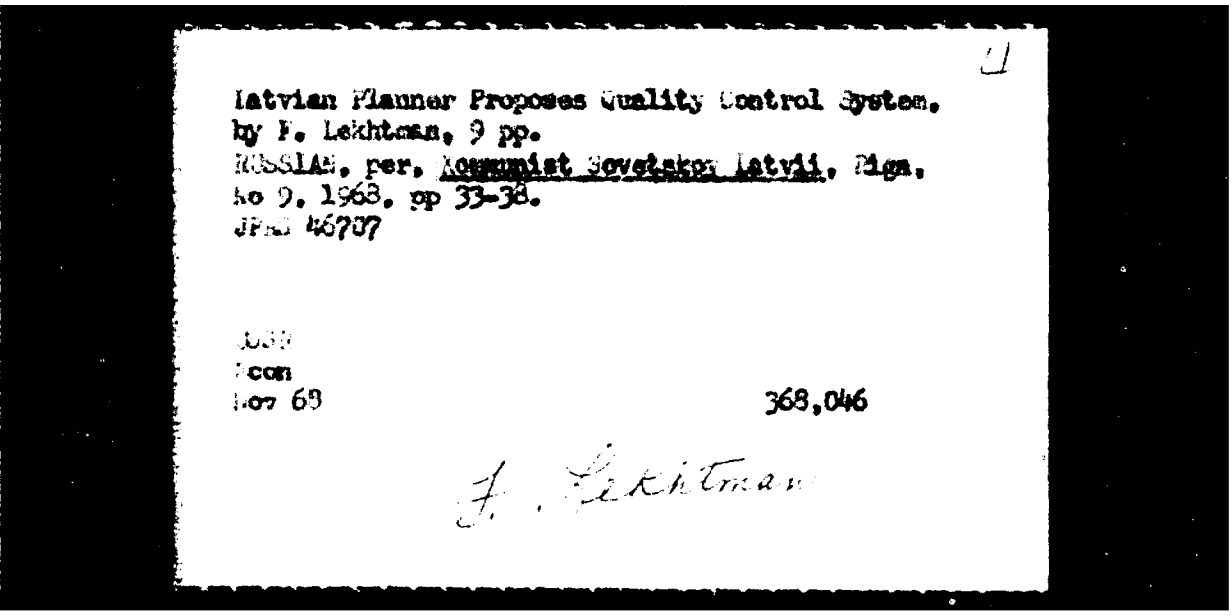

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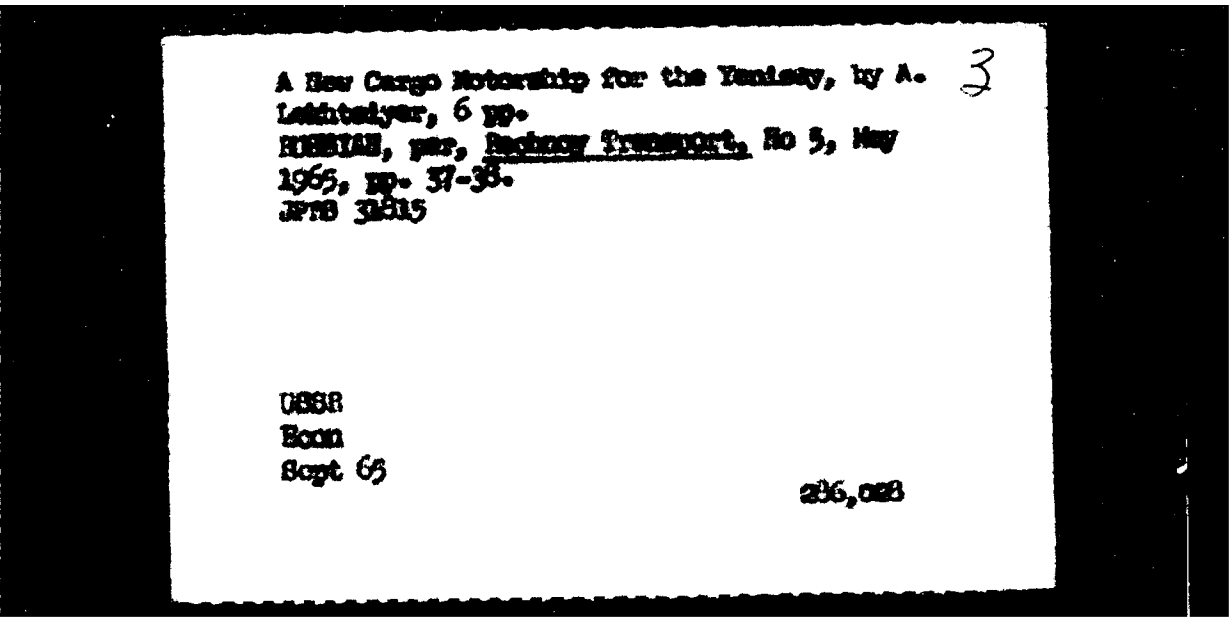

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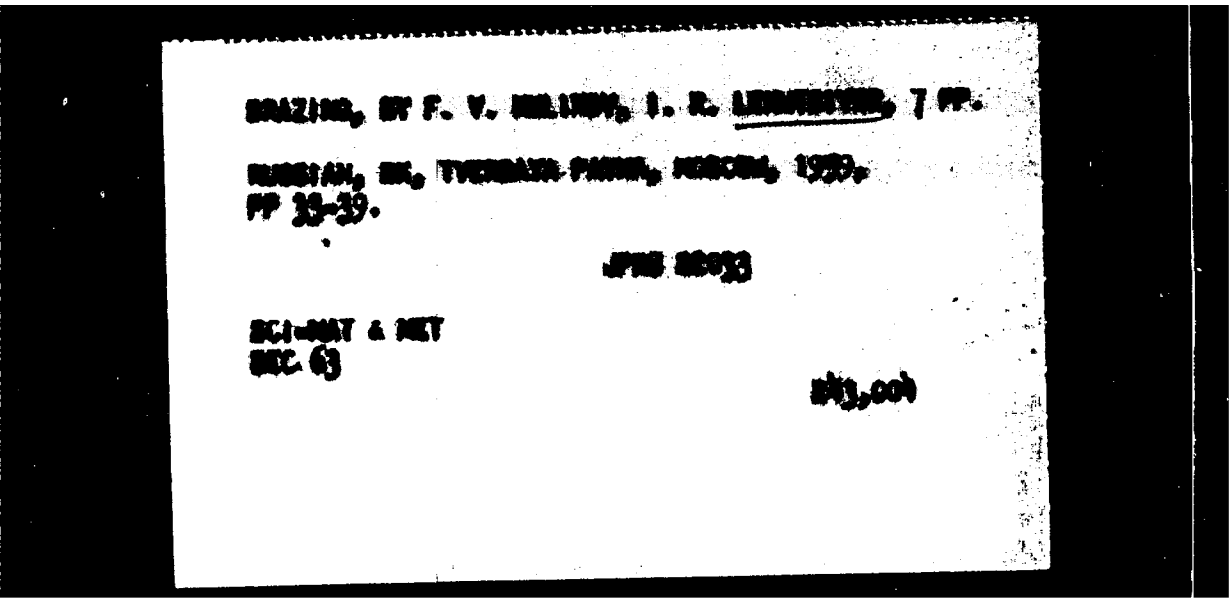

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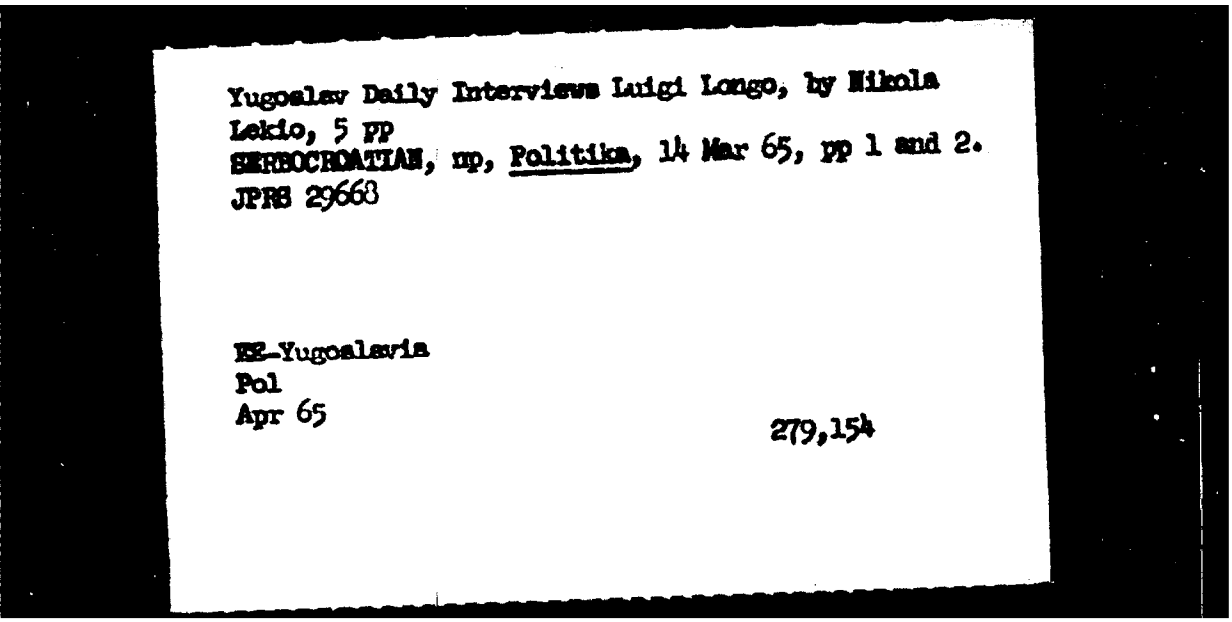

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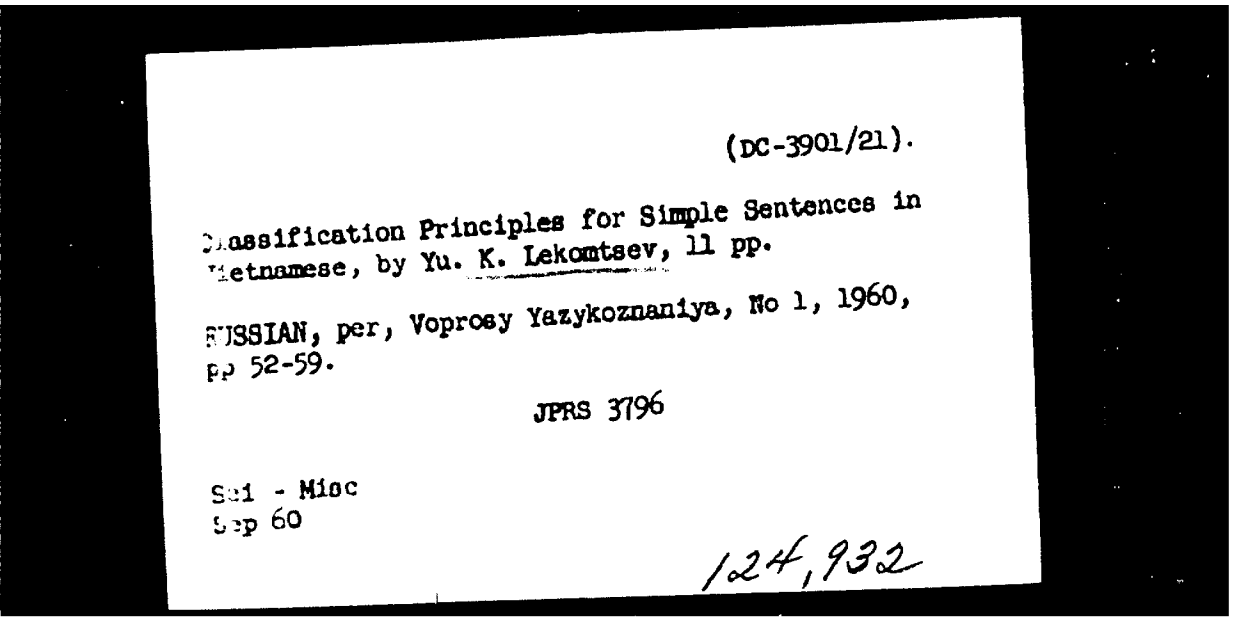

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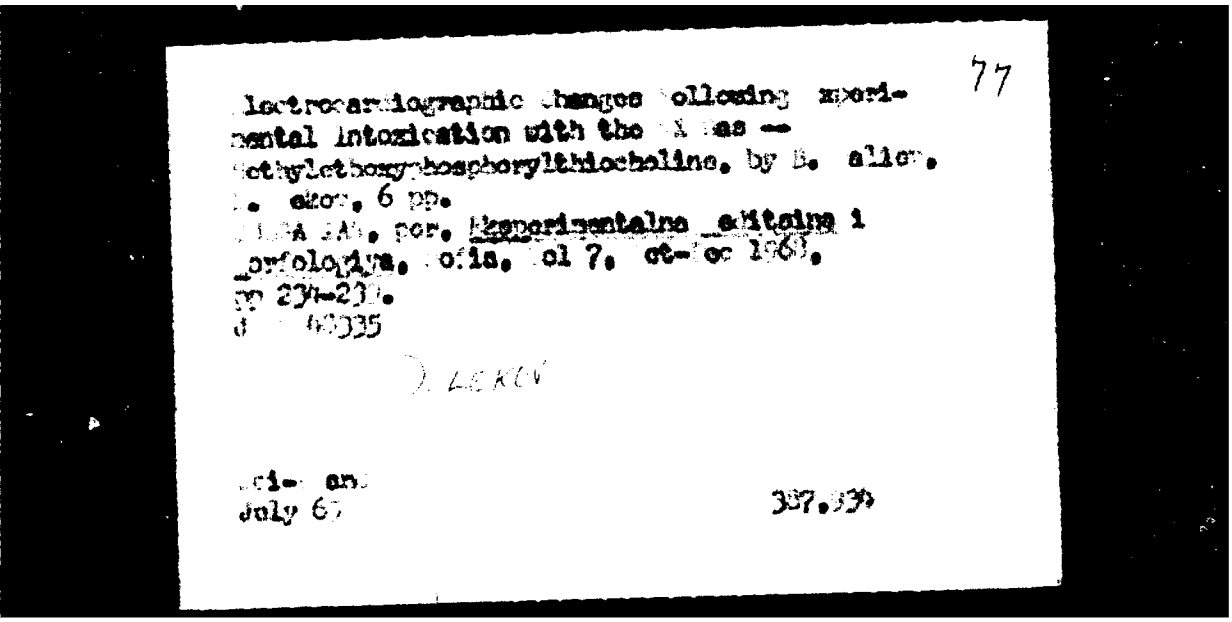

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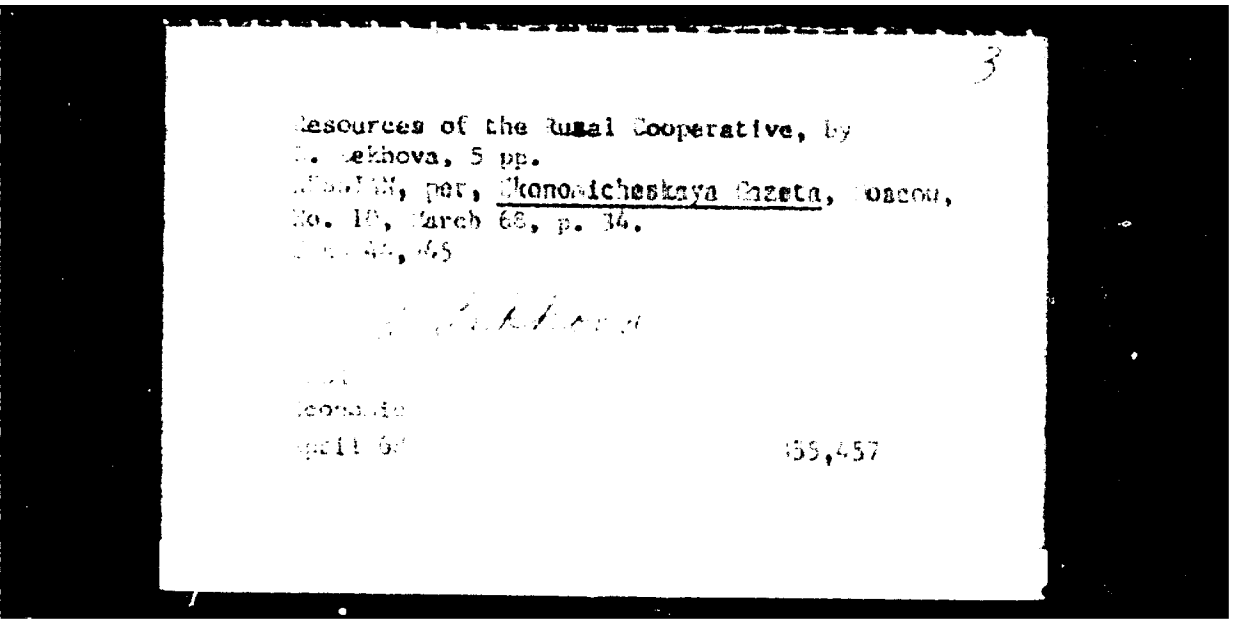

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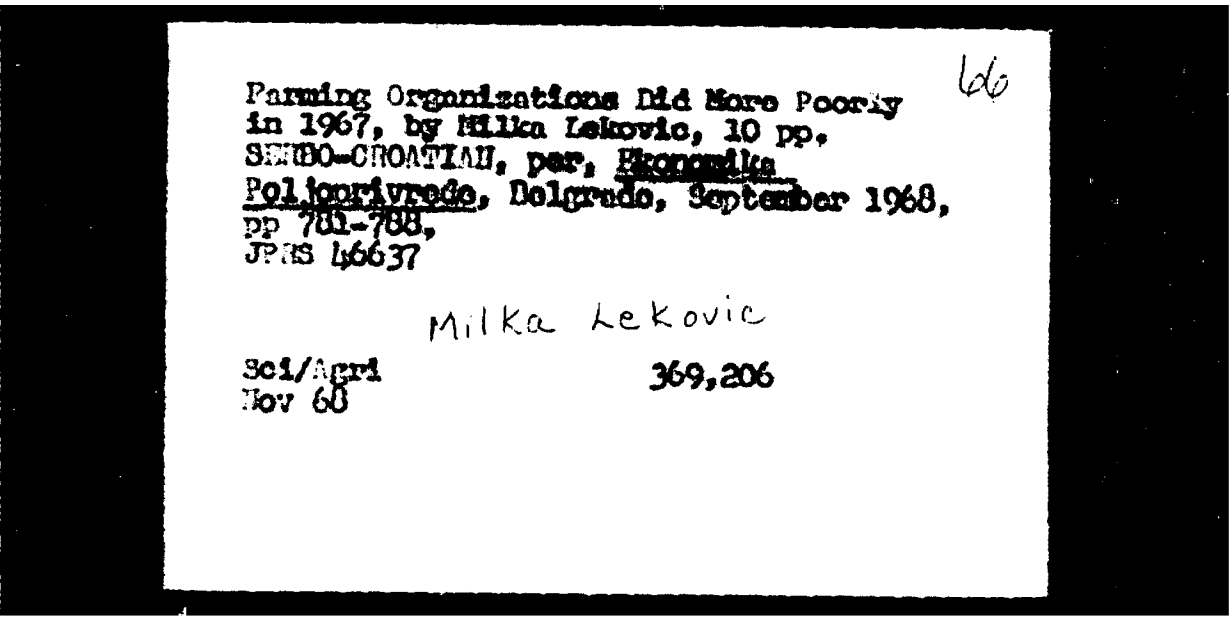

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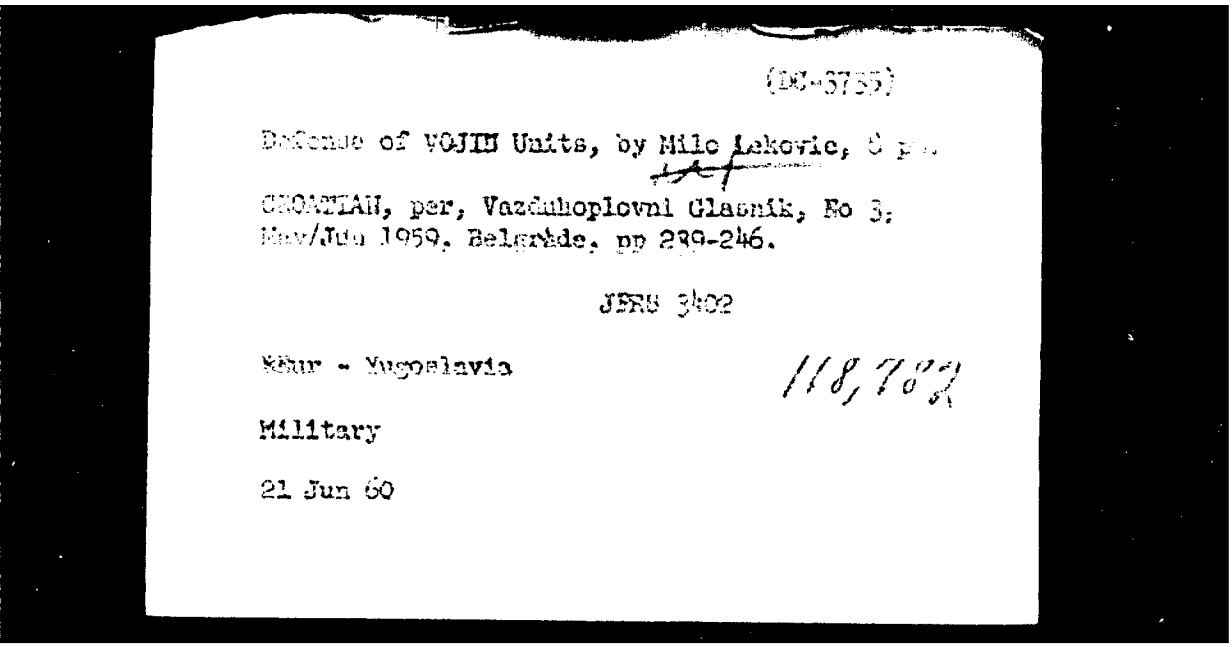

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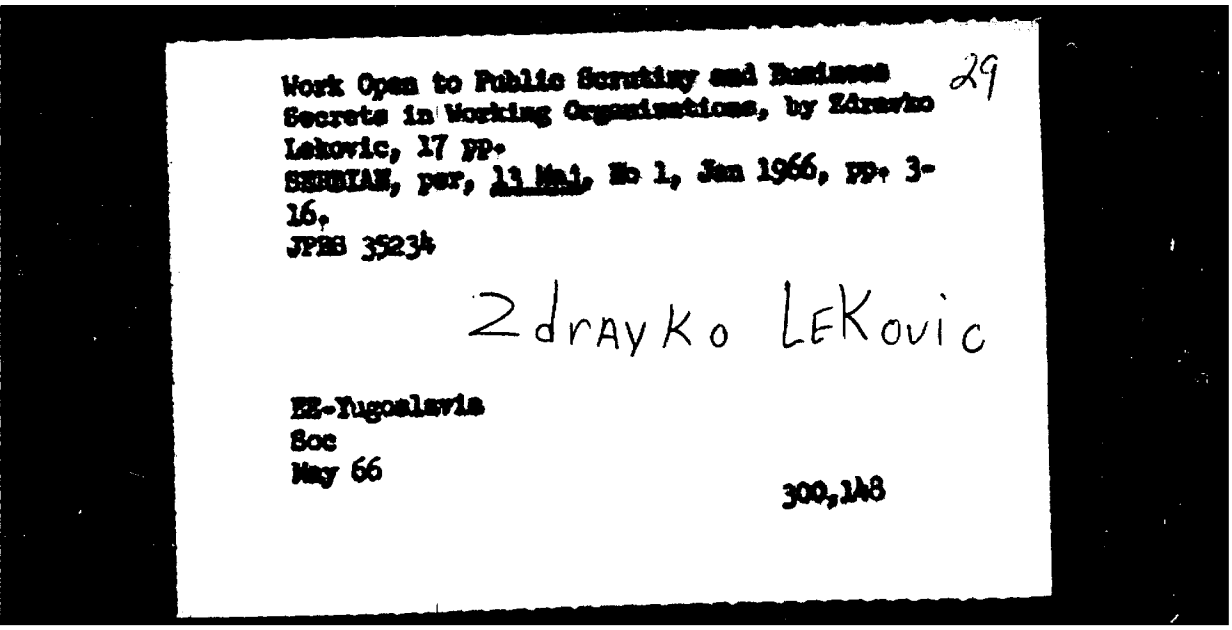

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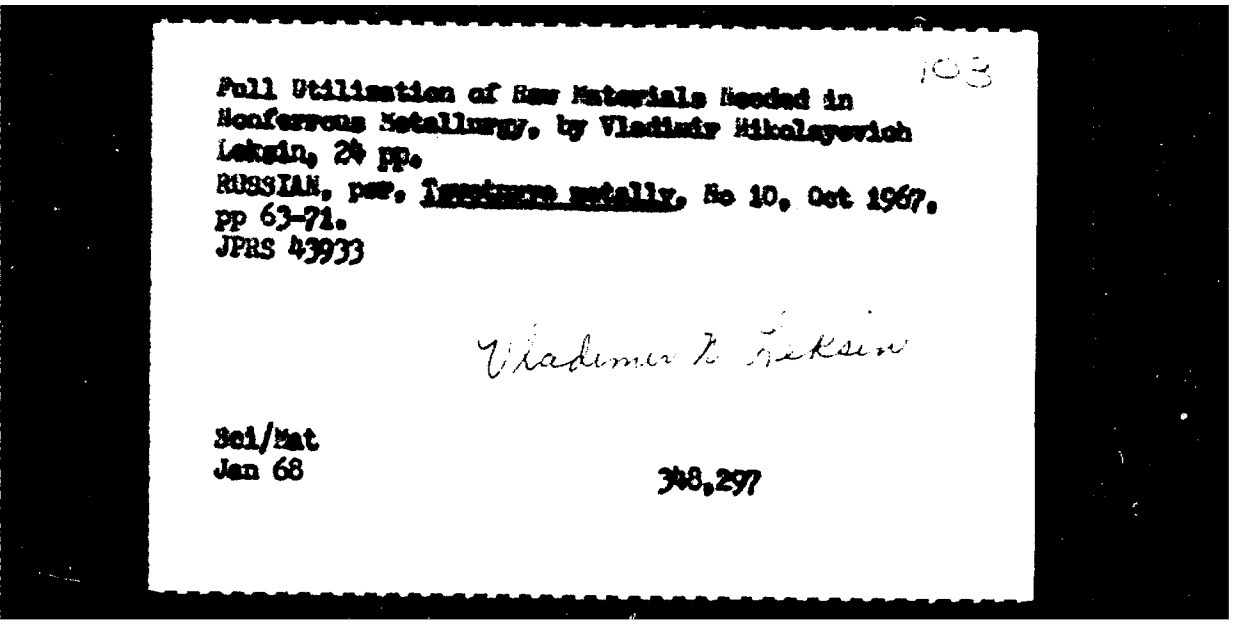

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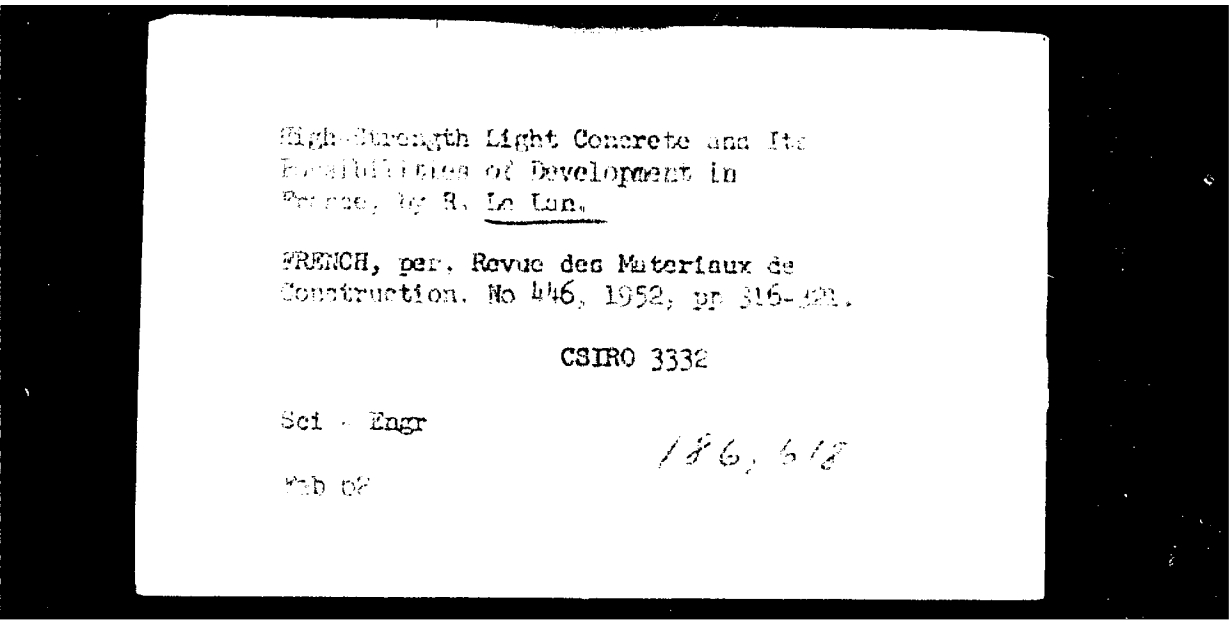

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Lel'chuk, Yu. L. and Rutskaya, E. I.
SOLUBILITE DE LA CRYOLITHE DANS LES SELS DE QUELQUES ACIDES ORGANIQUES (O Rastvorimosti Kriolita v Solyakh Nekotoryikh Organicheskikh Kislot) (Solubility of Cryolite in Salts of Organic Acids). 9p (foreign text included) 5 refs FR-2342.
Order from OTS, ETC or CNRS $0.80 62-26429

Trans. in French of Zhurnal Prikladnoi Khimii (USSR) 1949, v. 22, no. 5, p. 499-503.

DESCRIPTORS: Salts, Acids, Carbon compounds, Solubility, *Sodium compounds, *Aluminum compounds, *Fluorides, *Minerals.

(Chemistry--Physical, TT, v. 10, no. 10)

62-26429

I. Title: Cryolite
I. Lel'chuk, Yu. L.
II. Rutskaya, E. I.
III. F/R-2342
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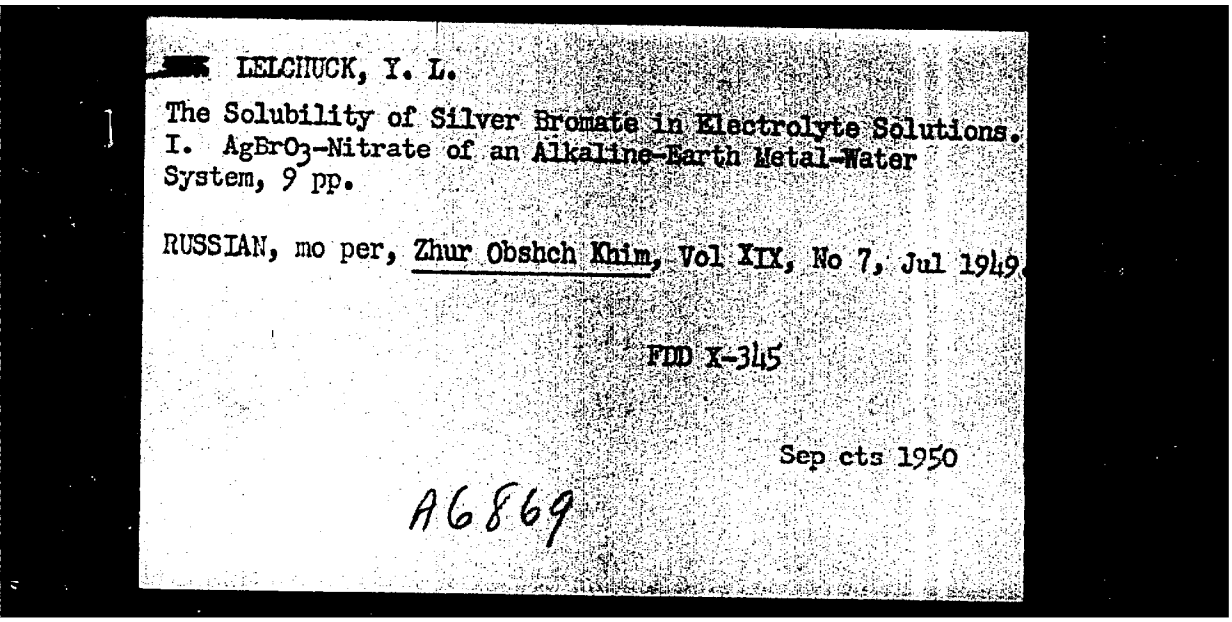

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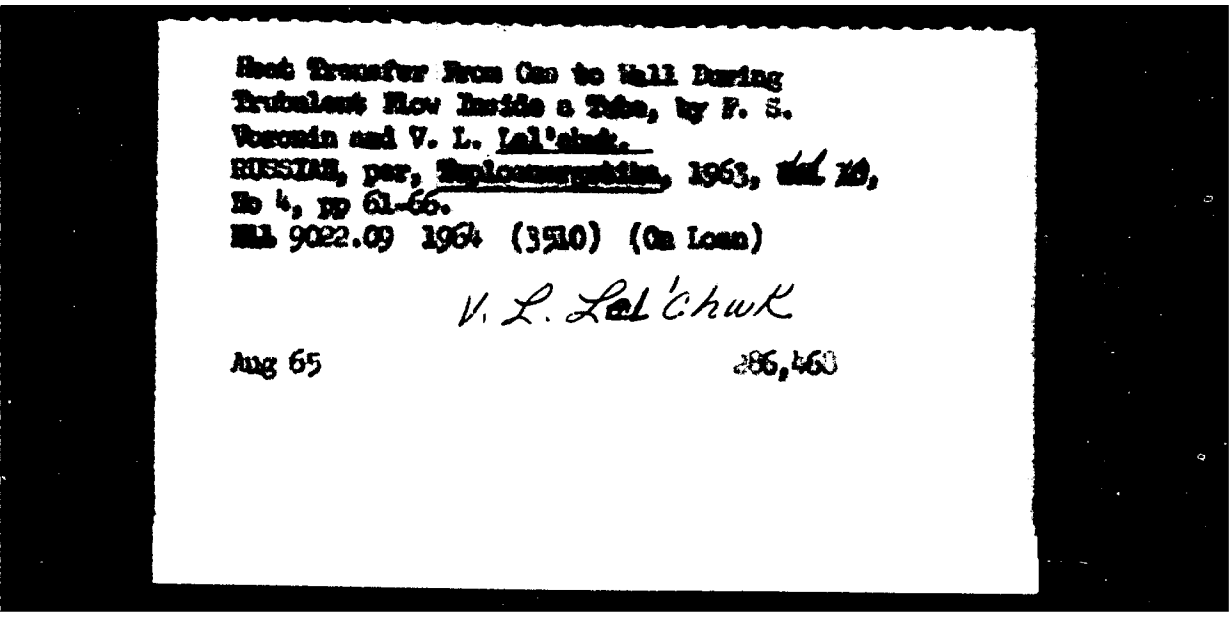

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CATALYTIC DEHYDROGENATION OF ALCOHOLS FORMING ESTERS. [1961] 5p. 30 refs.
Order from OTS or SLA $1.10 61-18229

Condensed trans. of Khimicheskaya Promyshlennost' (USSR) 1945, no. 4, p. 7-9.

DESCRIPTORS: *Alcohols, Dehydrogenation, Esters, Synthesis, Acetates, *Ethanols, Catalysis.

Research showed that finely dispersed copper used as a catalyst for this reaction brings about formation of ethyl acetate. Some principles of preparation of precipitated and alloyed catalysts for this reaction have been determined. The optimal conditions of dehydrogenation of ethyl alcohol involve a temperature of 275-285° and a rate of flow of alcohol of 300-400 ml per liter catalyst space per hour. The experimental results generally apply to homologs of ethyl alcohol. When an equimolecular mixture of two alcohols is treated the
(Chemistry--Organic, TT, v. 6, no. 7) (over)

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